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PATENT ABSTRACTS OF JAPAN(21) Application number: **2001295899**(51) Intl. Cl.: **C08L101/00 C08K 7/06 C08L 65/04**(22) Application date: **27.09.01**

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states:(71) Applicant: **TORAY IND INC**(72) Inventor: **TSUKAMOTO JUN
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(54) POLYMER COMPOSITE

(57) Abstract:

PROBLEM TO BE SOLVED: To industrially obtain a polymer having a high carrier mobility usable as a semiconductor material.

SOLUTION: A polymer composite comprises a monolayer carbon nanotube and/or a multilayer carbon nanotube and a polymer wherein the wt.% of the carbon nanotube is from not less than 0.1% to not more than 7% to the polymer.

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